Table de Cuisson Vitrocéramique
Glazen keramische kookplaat
Glaskeramik-Kochmulde
Glass Ceramic Hobs
Стеклокерамические варочные поверхности
Piani cottura in vetro ceramica

MKN 14321 E

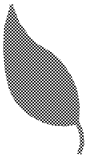
Gebrauchsanleitung

Blomberg

Please read these instructions before installation or using your appliance!

Dear Customer,

By purchasing this product you have chosen an appliance of advanced technology and high quality.



The appliance was produced in modern facilities which meet all environmental standards.

The instructions will help you to operate the appliance quickly and safely.

- Upon delivery, please check that the appliance is not damaged. If you note any transport damage, please contact your point of sale immediately and do not connect and operate the appliance!
- Before you connect and start using the appliance, please read this manual and all enclosed documents. Please note in particular the safety instructions.
- Keep all documents so that you can refer to the information again later on. Please keep your receipt for any repairs which may be required under warranty.
- When you pass on the appliance to another person, please provide all documents with it.

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Table of Contents

1 GENERAL INFORMATION 4

Overview 4

Technical Data 4

2 SAFETY INSTRUCTIONS 6

Explanation of safety instructions..... 6

Basic safety instructions..... 6

Safety for children..... 7

Safety when working with electricity 7

Intended use 7

Disposal 7

Packaging material 7

Old equipment 7

Future transportation 7

3 INSTALLATION 8

Before installation 8

Installation and connection..... 9

4 PREPARATION 12

Tips for saving energy..... 12

Initial operation 12

First cleaning of the appliance..... 12

5 HOW TO USE THE HOB 13

General information on cooking 13

How to use hobs..... 13

6 MAINTENANCE AND CARE..... 15

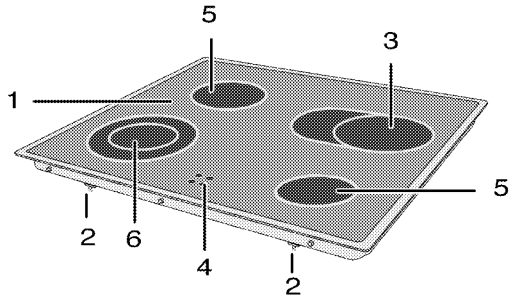
General information 15

How to clean the hob..... 15

7 TROUBLESHOOTING 16

1 GENERAL INFORMATION

Overview



1 Tempered glass
2 Assembly clamp
3 Extended cooking plate
4 Hob hot indicator light
5 Single-circuit cooking plate
6 Dual-circuit cooking plate

Technical Data

Voltage/frequency	230 V ~ 50 Hz
Total electric consumption	6.5 kW
Fuse protection	min. 32 A
Outer dimensions (height/width/depth)	43 mm/580 mm/510 mm
Installation dimension (width/depth)	560 mm/490 mm
Burners	
Rear left	**Single-circuit cooking plate**
Size	140 mm
Power	1200 W
Front left	**Dual-circuit cooking plate**
Size	120/180 mm
Power	700/1700 W
Front right	**Single-circuit cooking plate**
Size	140 mm
Power	1200 W
Rear right	**Extended cooking plate**
Size	170/265mm
Power	1500/2400 W

Hob - Oven Combination

	MKN 14321 E			
BIO 7142 X	X	-	-	-
BIO 7442 X	X	-	-	-
-	-	-	-	-
-	-	-	-	-
–	-	-	-	-
–	-	-	-	-
–	-	-	-	-
–	-	-	-	-

2 SAFETY INSTRUCTIONS

Explanation of safety instructions

The following types of safety instructions and information are used in this manual. They can be distinguished by the symbol and the initial signal word.

DANGER
High risk of personal injury.
Non-observance may or will cause serious injuries or death.

CAUTION
Risk of personal injury.
Non-observance may or will cause minor or medium injuries.

NOTICE
Risk of material damage.
Non-observance may or will cause damage on the appliance or other objects.

Important
Tip for the user.
Useful information on how to use the appliance. No injury risk information.

Basic safety instructions

- The manufacturer reserves its right to make changes in the technical specifications in order to improve the appliance quality without any prior notice. Figures included in this manual are for schematic purpose only and may not match exactly with your appliance. Values stated on the markings of the appliance or in other printed documents supplied with the appliance are obtained under laboratory conditions as per relevant standards. These values may vary according to the usage of the appliance and ambient conditions.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Do not operate the appliance if it is defective or shows any visible damage.
- Do not carry out any repairs or modifications on the appliance. However, you may remedy some malfunctions; see *TROUBLESHOOTING, page 16*.
- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates in high temperatures and may cause fire since it will catch fire when it gets in contact with hot surfaces.
- Do not heat closed food containers and glass jars. Pressure that may build-up in the jar can cause it to burst.
- Ensure that no flammable materials are adjacent to the appliance as the sides become hot during use.
- Do not leave empty pots or pans on plates that are switched on. They might get damaged.
- Since it may be hot, do not leave plastic or aluminum dishes on the surface of appliance. These kind of dishes should not be used to keep food either.
- Check all controls on the appliance are switched off after use.

Important
For the warranty to be valid, the appliance must be installed by a qualified person in accordance with current regulations.

Safety for children

- Accessible parts of the appliance will become hot whilst the appliance is in use and until the appliance has cooled, children should be kept away.
- Do not store any items above the appliance that children may reach.
- The packaging materials will be dangerous for children. Keep the packaging materials away from children. Please dispose of all parts of the packaging according to environmental standards.

Safety when working with electricity

- Any work on electric equipment and systems may only be carried out by authorized qualified persons.
- In case of any damage, switch off the appliance and disconnect it from the mains supply by removing the fuse or switching off the circuit breaker.
- Ensure that the fuse rating is correct.

Intended use

The appliance is designed for domestic use only. Commercial use is not admissible. This appliance should not be used for heating purposes.
The manufacturer shall not be liable for any damage caused by improper use or handling errors.

Disposal

Packaging material

DANGER
Risk of suffocation by the packaging materials!
Keep children away from the packaging materials.

The packaging material and transport locks are made from materials that are not harmful to the environment. Please dispose of all parts of the packaging according to environmental standards. This is beneficial to the environment.

Old equipment

This appliance bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this appliance must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional authorities.
Electronic appliances not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.

Future transportation

NOTICE
Do not place other items on the top of the appliance. The appliance must be transported upright.

Store the appliance's original box and transport the appliance in its original carton. Follow the guidance marks that are printed on the carton.

Important
Verify the general appearance of your equipment by identifying possible damage during the transportation.

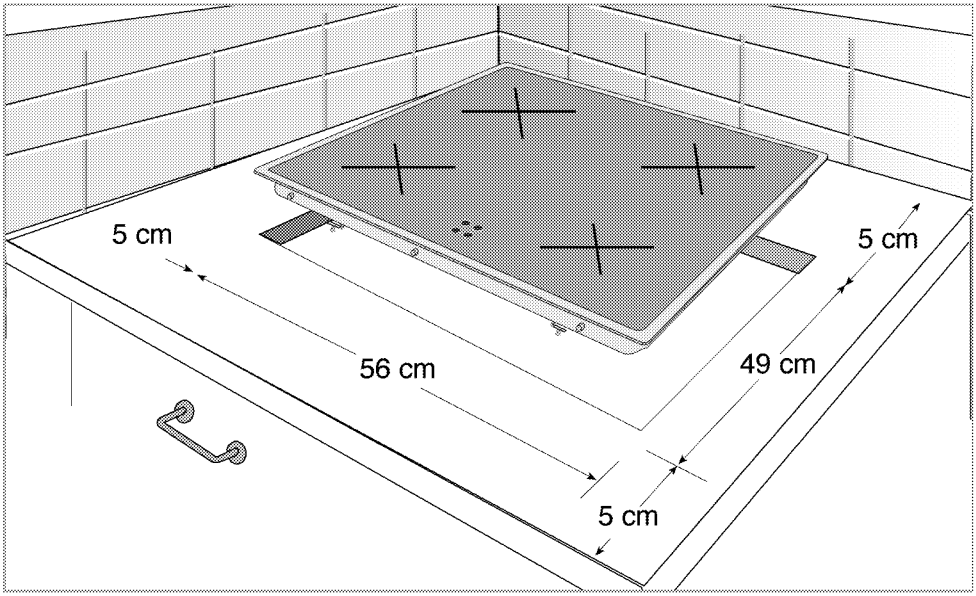
If you do not have the original carton
Pack the appliance in bubble wrap or thick cardboard and tape it securely in order to prevent damage during transportation.

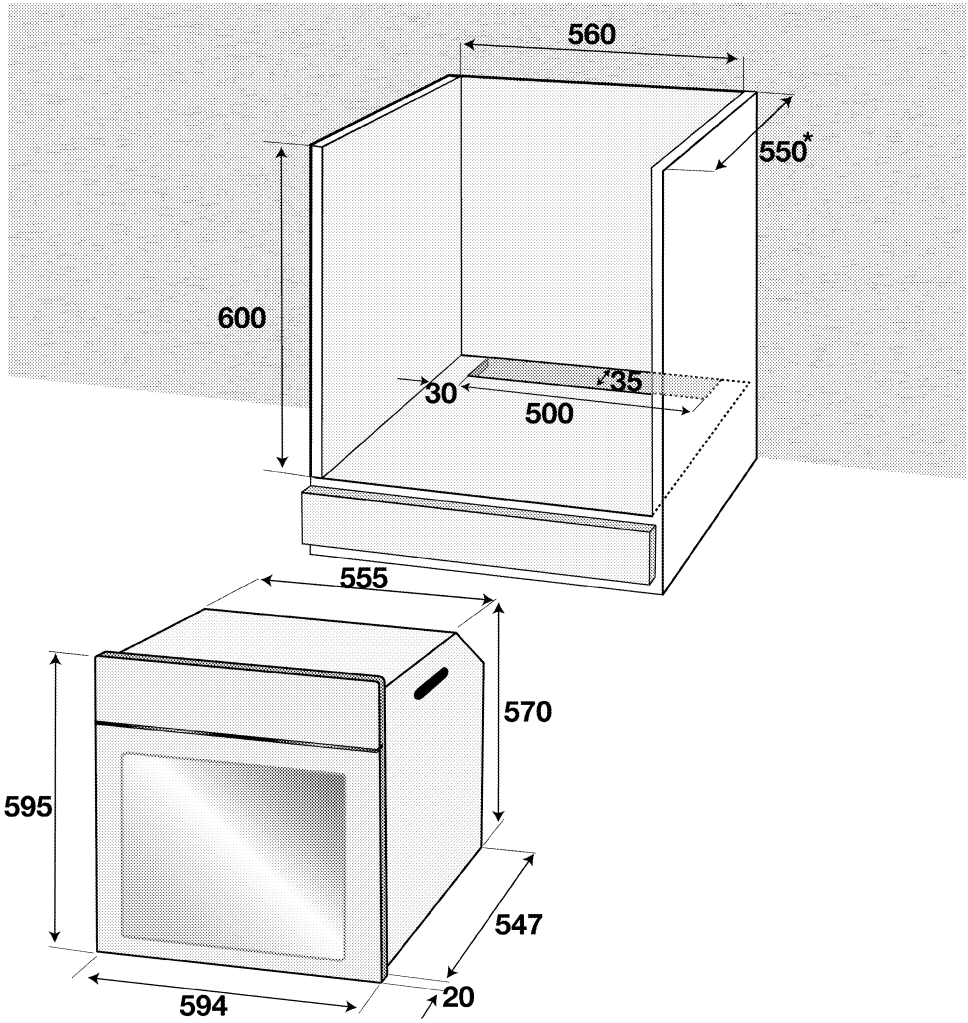
3 INSTALLATION

Before installation

The appliances are intended for installation in commercially available kitchen cabinets. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

- Remove packaging materials and transport locks.
- Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).
- Power to the hob is supplied from the oven. Both appliances must be installed on top of each other.
- Cut aperture for the hob in worktop as per installation dimensions.
- Seal cut edges and bordering edges.
- Worktop and kitchen cabinets must be set level and fixed.
- The hob may be installed with only **one** edge next the higher cabinets, appliances or walls.
- Some space must remain between the oven's rear wall and the kitchen wall for air to circulate.
- If there is a drawer beneath the oven, a shelf must be installed between oven and drawer.





* min.

Installation and connection

NOTICE
Risk of broken glass!
Do not put the ceramic hob down on a corner or edge.

- For installation the appliance must be connected in accordance with all local gas and/or electrical regulations.

Connection to the mains supply

Important
This appliance must be earthed!
Our company shall not held responsible for any damage caused by using the appliance without earthed socket.

DANGER
Risk of electric shock, short circuit or fire by unprofessional installation!

The appliance may be connected to the mains supply only by an authorized qualified person and the appliance is only guaranteed after correct installation.

DANGER
Risk of electric shock, short circuit or fire by damage of the mains lead!

The mains lead must not be clamped, bent or trapped or come into contact with hot parts of the appliance.
If the mains lead is damaged, it must be replaced by a qualified electrician.

- The mains supply data must correspond to the data specified on the rating plate of the appliance. The rating plate is located at the rear housing of the appliance.
- The appliance mains cable must correspond to the specifications and the power consumption; see *Technical Data, page 4*.

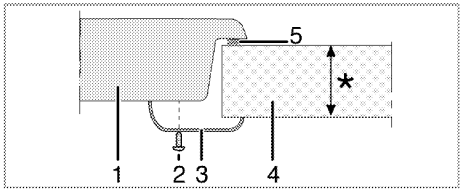
DANGER
Risk of electric shock!

Before starting any work on the electrical installation, please disconnect the appliance from the mains supply.

Installation

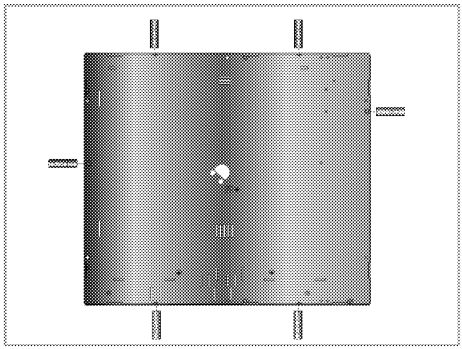
1. In hobs whose edges are framed, apply the sealing gasket provided in the package to the frame of the appliance from below.

2. Place hob into aperture and align it.
3. Connect it to the holes in the lower housing as indicated in the figure.

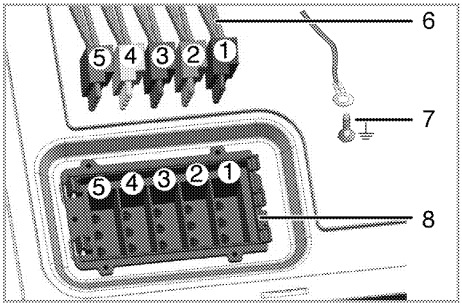


* min. 20 & max. 40 mm
1 Hob
2 Screw
3 Fixing clamp
4 Worktop
5 Sealing gasket

» **Bottom view (clamp holes)**



4. Secure the hob.
5. Connect the oven.
6. Slide oven halfway into the cabinet.
7. Connect hob to the oven.



1 Red
2 Black
3 White
4 Blue
5 Green
6 Connection cable from hob side
7 Earth cable connection (Green/Yellow)
8 Connecting terminal for oven side

8. By preventing the breakage and squeezing of the mains lead, slide the oven through the cabinet hole, align and secure.

Final check

1. Connect the appliance to the mains supply and switch on the mains supply.
2. Check function.

Tips for saving energy

The following tips will help you to use your appliance in an ecological way and to save energy:

- Use pots/pans with lids for cooking. Without a lid, the current consumption may be up to four times higher.
- Choose the plate which is suitable to the saucepan base. Always choose the correct size of saucepans for your meals. For larger plates more energy is needed.
- Take care to use flat base saucepans while cooking on electrical cookers.

  Pots with an even and thick bottom provide better thermal conduction. You can save up to 1/3 of electricity.
- Pots and pans should match the size of plates. The bottom of the pot or pan should not be smaller than the plate.
- Keep plates and pan bottoms clean. Dirt will reduce the heat transmission between plate and pan bottoms.
- In case of longer cooking times, switch off the plate 5 to 10 minutes before the end of the cooking time. When you use the residual heat, you can save up to 20 % of electricity.

Initial operation

First cleaning of the appliance

NOTICE
The surface might get damaged by some detergents or cleaning materials.
Do not use aggressive detergents, cleaning powder/cream or any sharp objects.

1. Remove all packaging materials.
2. Wipe the surfaces of the appliance with a damp cloth or sponge and dry with a cloth.

5 HOW TO USE THE HOB

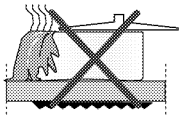
General information on cooking

DANGER
Risk of fire by overheated oil!
When you heat oil, do not leave it unattended.
Never try to extinguish the fire with water! When oil has caught fire, immediately cover the pot or pan with a lid. Switch off the hob if safe to do so and phone the fire service.

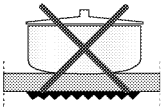
- Ensure handles of pans can not accidentally be caught or knocked and do not get heated by adjacent heating zones.

Tips for glass ceramic hobs

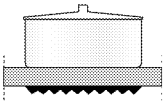
- The glass ceramic surface is heat-resistant and insensitive to large temperature deviations.
- Do not use the glass ceramic hob for keeping objects or as cutting surface.
- Use pot and pans with ground bottoms. Sharp edges cause scratches on the surface.
- Do not use aluminium pots and pans. Aluminium damages the glass ceramic surface.



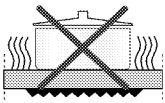
Splashes may damage the ceramic surface and can cause fire.



Do not use pots that have concave or convex bottoms.

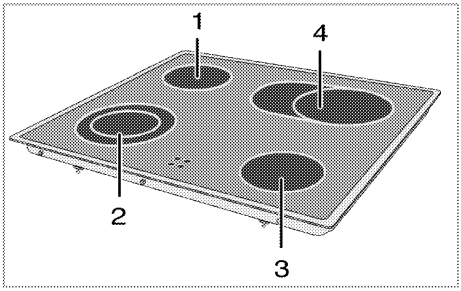


Use pot and pans with smooth bottoms. They ensure a good heat transfer.



If the pan is too small energy is wasted

How to use hobs



1 Single-circuit cooking plate Rear left
2 Dual-circuit cooking plate Front left
3 Single-circuit cooking plate Front right
4 Extended cooking plate Rear right

DANGER
Broken glass!

Do not let any objects fall onto the hob. Even small objects (e.g. salt shaker) may damage the hob.
Do not use glass ceramic hobs with cracks. Water may enter into the cracks and cause a short circuit.
If the surface is damaged in any way (e. g. visible cracks), switch off the device immediately to reduce the risk of an electric shock.

The glass ceramic hob is equipped with an operating lamp and a residual heat indicator.

The residual heat indicator indicates the position of the switched on plate and remains illuminated after switching off. (When the temperature of the plate falls below touchable temperature the indicator light will go off). Weak flicker illumination is

not a problem at residual heat indicator light.

NOTICE
Quick heating glass-ceramic hobs emit a bright light when they are switched on. Do not stare to bright light.

Switching the plate on

The hob control knobs are used for operating the plates. To obtain the desired cooking power, turn the hob control knobs to the corresponding level.

Cooking level	1	2 — 3	4 — 6
	warming	stewing, simmering	cooking, roasting

Cooking level	1	2	3
	warming	stewing, simmering	cooking, roasting

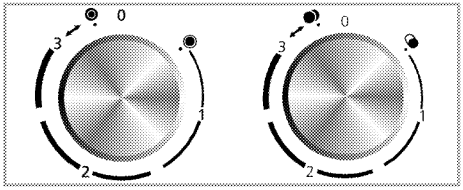
Switching the plate off

Turn hob control knob to off position (top).

How to operate on the multiple zone hotplates

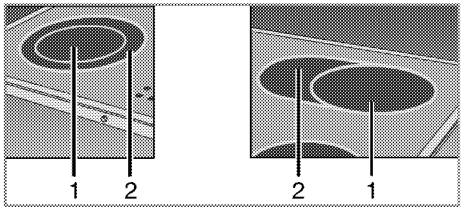
Hobs with multiple region are used for different diameter of pans. It is a standard; the inner zone will be activated when the hob is switched on.

1. By changing the knob position in clockwise direction, the diameter of active zone can be adjusted.
2. While the diameter of active zone changes, there will be a "click" noise.



Switch off multiple zone hotplates

1. In order to turn off the hob, set the knob to “0” position by turning it in a counterclockwise direction. Both cooking zones are switched off.



1 Stage 1
2 Stage 2

NOTICE
The 2nd or 3rd zones of multiple zone hotplates will not operate by theirselves.

6 MAINTENANCE AND CARE

General information

DANGER
Risk of electric shock!

Switch off the electricity before cleaning appliance to avoid an electric shock.

DANGER
Hot surfaces may cause burns!

Allow the appliance to cool down before you clean it.

NOTICE
The surface might get damaged by some detergents or cleaning materials.
Do not use aggressive detergents, cleaning powder/cream or any sharp objects.

Clean the appliance thoroughly after each use; in this way it will be possible to remove cooking residues more easily, thus avoiding these from burning the next time the appliance is used.

No special cleaning agents are required for cleaning the appliance. It is recommended to use warm water with washing liquid, a soft cloth or sponge and use a dry cloth for drying.

Do not use any abrasive cleaning materials!

Important
Do not use steam cleaners for cleaning.

How to clean the hob

Ceramic hobs

Always rinse off fully with a clean cloth wrung out in clean water (as residue could damage the ceramic glass surface next time the hob is used).

In no case should crusts be stratched off with serrated edge knives, steel wool or the like.

Remove calcium stains (yellow staining) with small amounts of decalcifying agents such as Durgol, vinegar or lemon juice.

Apply agent with a sponge and, in the event of heavier soiling, let it work in for a longer period of time. Afterwards, wash offhob with water.

Important
Sugar-based food such as custard and syrup should immediately be scraped off without waiting for the surface to cool down. Otherwise the hob may be permanently damaged.

7 TROUBLESHOOTING

DANGER
Risk of electric shock, short circuit or fire by unprofessional repairs!

Repairs on the appliance must be carried out by an approved service centre.

Normal operating conditions

- Smoke and smell may emit for a couple of hours during the first operation.
- When the metal parts are heated, they may expand and cause noise.

Before you call the service, please check the following points.

Electrical equipment

Malfunction/problem	Possible cause	Advice/remedy
The appliance does not work.	The mains fuse is defective or has tripped.	Check fuses in the fuse box. If necessary, replace or reset them.

If the problem has not been solved:

1. Separate unit from the mains supply (deactivate or unscrew fuse).
2. Call the technical service.

Important
Do not attempt to repair the appliance yourself. There are no customer service items inside the appliance.